

U.S.S.N. 10/043,859

Listing of the Claims

1. (Original) A cleaning container for chemically cleaning elongated members comprising:

a first body member and a second body member said first body member and second body member respectively forming a first containing space and a second containing space including a first means for reversibly compressively sealing the first body member and the second body member to a form a combined containing space for sealably holding a cleaning solution level;

a cap member disposed at a distal end of the first body member said cap member including a second means for reversibly compressively sealing a first opening in communication with the first containing space; and

a second opening centrally disposed in a distal end of the second containing space said second opening including a third means for reversibly compressively sealing around at least one elongated member penetrating through said second opening.

2. (Original) The cleaning container of claim 1, wherein, the combined containing space forms a sealably closed hollow cylindrical shape.

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3. (Original) The cleaning container of claim 1, wherein the first, second and third means for reversibly compressively sealing include at least one of a threading means and a clamping means.

4. (Original) The cleaning container of claim 3, wherein the threading means and the clamping means include a means for deformably compressing an O-ring to form a liquid tight seal.

5. (Original) The cleaning container of claim 2, wherein an axial dimension of the sealably closed hollow cylindrical shape is greater than a radial dimension.

6. (Original) The cleaning container of claim 2, wherein the axial dimension is sufficient to accommodate a length of the at least one elongated member to include at least one thermocouple sleeve.

7. (Original) The cleaning container of claim 1, wherein the second opening is a cylindrical opening of sufficient diameter to accommodate at one time a plurality of the at least one elongated member including about 6 to about 10 thermocouple sleeves.

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8. (Original) The cleaning container of claim 1, wherein the third means for reversibly compressively sealing includes an inner compression sleeve and an outer compression sleeve for deformably compressing an O-ring to seal around the at least one elongated member to include at least one thermocouple sleeve.

9. (Original) The cleaning container of claim 1, wherein the at least one elongated member includes at least one thermocouple sleeve including a plurality thermocouple wires extending from the at least one thermocouple sleeve.

10. (Original) The cleaning container of claim 1, wherein the cleaning solution level covers a height of the at least one elongated member to include at least one thermocouple sleeve.

11. (Original) The cleaning container of claim 1, wherein at least the combined containing space is formed of a chemically resistant material including a resistance to hydrofluoric acid (HF).

12. - 20. (Cancelled)